

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	c-polarizer and birefring\$ and polariz\$ and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/09 10:06
S2	145	("c-polarizer" (c adj polar\$)) and birefring\$ and polariz\$ and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/09 10:07
S3	146	("c-polarizer" (c adj polar\$)) and birefring\$ and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/09 10:50
S4	118	"optical performance monitor"	US-PGPUB; USPAT	OR	ON	2004/11/09 10:51
S5	0	"optical performance monitor" and "liquid crystal" and polar\$	US-PGPUB; USPAT	OR	ON	2004/11/09 10:51
S6	15	"optical performance monitor".ti.	US-PGPUB; USPAT	OR	ON	2004/11/09 10:52
S7	12	"optical performance monitor".ti. and polar\$	US-PGPUB; USPAT	OR	ON	2004/11/09 10:53
S8	4	"optical performance monitor".ti. and polar\$ and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/09 10:53
S9	551	(349/194.ccls. 349/196-199.ccls. 349/201-202.ccls.) and @ad<"20030808"	US-PGPUB; USPAT	OR	ON	2006/08/01 16:02
S10	35	"liquid crystal tunable filter" and polarizer and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/08 11:06
S11	77	"liquid crystal tunable filter" and polariz\$ and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/08 11:25
S12	32	"liquid crystal tunable filter" and polariz\$ and collim\$ and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/08 11:26
S13	1	yuan-haijun.in.	US-PGPUB; USPAT	OR	ON	2004/11/08 11:27
S14	6	yuan-haijun.in. liu-yongsheng.in. zhao-xingzhong.in.	US-PGPUB; USPAT	OR	ON	2004/11/08 11:29
S15	8	"optical performance monitor" and "tunable filter" and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/08 12:22
S16	15	"optical performance monitor".ti.	US-PGPUB; USPAT	OR	ON	2004/11/08 15:32
S17	0	"optical performance monitor".ti. and collimator and waveplate	US-PGPUB; USPAT	OR	ON	2004/11/08 15:32
S18	0	"optical performance monitor".ti. and collimator	US-PGPUB; USPAT	OR	ON	2004/11/08 15:33
S19	5	"optical performance monitor".ti. and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/08 17:05
S20	2	"optical performance monitor".ti. and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/08 17:15

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S21	463	349/8-9.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/08 18:08
S22	279	349/9.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/08 18:49
S23	4	"tunable filter" and S-polarization and P-polarization and birefringence	US-PGPUB; USPAT	OR	ON	2004/11/08 18:50
S24	635	"tunable filter" and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/08 18:51
S25	592	"tunable filter" and birefring\$ and polariz\$	US-PGPUB; USPAT	OR	ON	2004/11/08 18:51
S26	268	"tunable filter" and birefring\$ and polariz\$ and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/08 19:16
S27	127	"tunable filter" and birefring\$ and polariz\$ and "liquid crystal" and collim\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:11
S28	62	"tunable filter" and birefring\$ and polariz\$ and "liquid crystal" and collim\$ and (waveplate (wave adj plate))	US-PGPUB; USPAT	OR	ON	2004/11/09 10:04
S31	1054	(circular adj polarizer)	US-PGPUB; USPAT	OR	ON	2004/11/10 11:48
S32	0	wavplate	US-PGPUB; USPAT	OR	ON	2004/11/10 11:48
S35	1054	(circular adj polarizer)	US-PGPUB; USPAT	OR	ON	2004/11/10 11:55
S36	2002	waveplate	US-PGPUB; USPAT	OR	ON	2004/11/10 11:55
S37	88	S35 and S36	US-PGPUB; USPAT	OR	ON	2004/11/10 11:55
S38	67	S37 and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/10 11:55
S39	1031	385/11.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/10 17:11
S40	719	385/11.ccls. and birefring\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:41
S41	716	385/11.ccls. and birefring\$ and polar\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:16
S42	1	"60309738"	US-PGPUB; USPAT	OR	ON	2004/11/10 17:15
S43	2045	"20010801"	US-PGPUB; USPAT	OR	ON	2004/11/10 17:16
S44	224	385/11.ccls. and "birefringent crystal" and polar\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:32
S45	36	parker.xp. and 349/190-198.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/10 17:34

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S46	12	parker.xa. and 349/190-198.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/10 17:34
S47	0	"optical performance monitor" and "birefringent crystal"	US-PGPUB; USPAT	OR	ON	2004/11/10 17:42
S48	13	"optical performance monitor" and birefrin\$	US-PGPUB; USPAT	OR	ON	2004/11/10 17:50
S49	74	349/17.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/10 17:54
S50	4	"optical performance monitor" and (beam adj split)	US-PGPUB; USPAT	OR	ON	2004/11/10 17:55
S51	21	"optical performance monitor" and (beam adj splitt\$)	US-PGPUB; USPAT	OR	ON	2004/11/10 17:56
S52	21	"optical performance monitor" and (beam adj split\$)	US-PGPUB; USPAT	OR	ON	2004/11/10 18:10
S53	182	"liquid crystal tunable filter"	US-PGPUB; USPAT	OR	ON	2004/11/10 18:16
S54	34	"optical performance monitor" and "tunable filter"	US-PGPUB; USPAT	OR	ON	2004/11/10 18:17
S55	8	"optical performance monitor" and "tunable filter" and (beam adj spl\$)	US-PGPUB; USPAT	OR	ON	2004/11/10 18:29
S56	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2004/11/10 18:30
S57	29	(US-20010026385-\$ or US-20020105725-\$ or US-20020130256-\$ or US-20020159021-\$ or US-20030091286-\$ or US-20040156574-\$ or US-20040184699-\$ or US-20030194165-\$ or US-20030113055-\$ or US-20030103718-\$).did. or (US-4969717-\$ or US-5068749-\$ or US-5132822-\$ or US-5150236-\$ or US-5740288-\$ or US-5930012-\$ or US-5963372-\$ or US-6038054-\$ or US-6091521-\$ or US-6208774-\$ or US-6344910-\$ or US-6404553-\$ or US-6433901-\$ or US-6639648-\$ or US-6704509-\$ or US-6765644-\$ or US-6768458-\$ or US-6718082-\$ or US-6697550-\$).did.	US-PGPUB; USPAT	OR	ON	2004/11/10 19:06
S58	15	S57 and birefringent	US-PGPUB; USPAT	OR	ON	2004/11/10 19:43
S59	7	S57 and birefringent and collimator	US-PGPUB; USPAT	OR	ON	2004/11/10 19:43

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S60	29	(US-20010026385-\$ or US-20020105725-\$ or US-20020130256-\$ or US-20020159021-\$ or US-20030091286-\$ or US-20040156574-\$ or US-20040184699-\$ or US-20030194165-\$ or US-20030113055-\$ or US-20030103718-\$).did. or (US-4969717-\$ or US-5068749-\$ or US-5132822-\$ or US-5150236-\$ or US-5740288-\$ or US-5930012-\$ or US-5963372-\$ or US-6038054-\$ or US-6091521-\$ or US-6208774-\$ or US-6344910-\$ or US-6404553-\$ or US-6433901-\$ or US-6639648-\$ or US-6704509-\$ or US-6765644-\$ or US-6768458-\$ or US-6718082-\$ or US-6697550-\$).did.	US-PGPUB; USPAT	OR	ON	2004/11/12 11:13
S61	7	S60 and birefringent and collimator	US-PGPUB; USPAT	OR	ON	2004/11/12 11:13
S62	0	S61 and photodiode	US-PGPUB; USPAT	OR	ON	2004/11/12 11:13
S63	0	S61 and diode	US-PGPUB; USPAT	OR	ON	2004/11/12 11:37
S64	0	"small beam collimator"	US-PGPUB; USPAT	OR	ON	2004/11/12 11:37
S65	2488	"beam collimator"	US-PGPUB; USPAT	OR	ON	2004/11/12 11:38
S66	19	"beam collimator" and s-polarization and p-polarization	US-PGPUB; USPAT	OR	ON	2004/11/12 11:40
S67	226	collimator and p-polarization and s-polarization	US-PGPUB; USPAT	OR	ON	2004/11/12 11:40
S69	78	collimator and p-polarization and s-polarization and separation	US-PGPUB; USPAT	OR	ON	2004/11/12 11:41
S70	1	collimator and p-polarization and s-polarization and ((small minimal) adj separation)	US-PGPUB; USPAT	OR	ON	2004/11/12 11:45
S71	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2004/11/12 14:08
S72	18	349/17.ccls. and diode	US-PGPUB; USPAT	OR	ON	2004/11/12 14:09
S73	0	349/17.ccls. and (bi-cell adj (photo-diode diode))	US-PGPUB; USPAT	OR	ON	2004/11/12 14:11
S74	0	(bi-cell adj (photo-diode diode)) and "liquid crystal"	US-PGPUB; USPAT	OR	ON	2004/11/12 14:11

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S75	2	(bi-cell adj (photo-diode diode))	US-PGPUB; USPAT	OR	ON	2004/11/12 14:18
S76	2	((bi-cell bicell) adj (photo-diode diode))	US-PGPUB; USPAT	OR	ON	2004/11/12 14:19
S77	32	"liquid crystal tunable filter" and "349"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/12 15:03
S78	7	(match with "alignment layer" with "liquid crystal")	US-PGPUB; USPAT	OR	ON	2004/11/12 15:06
S79	13	(match with "alignment layer")	US-PGPUB; USPAT	OR	ON	2004/11/12 15:06
S80	0	10/637115	US-PGPUB; USPAT	OR	ON	2005/06/14 17:49
S81	147	optical adj performance adj monitor	US-PGPUB; USPAT	OR	ON	2005/06/14 18:05
S82	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2005/06/14 17:51
S83	8	("20020131143" "3572938" "3741661" "3988067" "5768242" "5859728" "6055086" "6220710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 17:53
S84	306	349/9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:00
S85	77	349/17.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:00
S86	8	("20020131143" "3572938" "3741661" "3988067" "5768242" "5859728" "6055086" "6220710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:04
S87	0	("6680797").URPN.	USPAT	OR	ON	2005/06/14 18:05
S88	14	S81 and birefring\$	US-PGPUB; USPAT	OR	ON	2005/06/14 18:05
S89	17	("4044350" "4650352" "5420416" "5691989" "5708498" "5945261" "6025939" "6130971" "6215926" "6263126" "6263129" "6307677" "6310690" "6396629" "6504976" "6507685" "6526187").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:06
S90	5	("3395247" "3588552" "3697790").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:07

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S91	13	("4516837" "4852962" "5239598" "5630004" "5727109" "5852688" "5877876" "5930038" "6137619" "6175432" "6201593" "6208444" "6208774").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:09
S92	18	("4834483" "4919522" "5136671" "5181134" "5363228" "5381250" "5414540" "5414541" "5457556" "5488500" "5596661" "5606439" "5627925" "5680490" "5694233" "5809190" "5912748" "6005697").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 18:10
S93	4	("6208774").URPN.	USPAT	OR	ON	2005/06/14 18:24
S94	2	("5132811" "5309523").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:11
S95	4	("6348990").URPN.	USPAT	OR	ON	2005/06/14 19:12
S96	760	385/49.ccls.	USPAT	OR	ON	2005/07/11 10:34
S97	219	"385"/\$.ccls. and liquid adj crystal and beam adj split\$ and polariz\$	USPAT	OR	ON	2005/06/14 19:13
S98	17	("20020085252" "4971417" "5596661" "5805751" "5850491" "6021237" "6151157" "6151427" "6233379" "6253002" "6289699" "6292290" "6429962" "6510261" "6522456" "6539148" "6631224").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:26
S99	37	349/18.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:52
S10 0	32	liquid adj crystal adj tunable adj filter and birefringe\$ and beam adj (split splitter)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:56
S10 1	1	cavanaugh-shanti.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:56
S10 2	9	cavanaugh.in. and shanti.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/14 19:56
S10 3	3	("5528402" "5877876" "6515751").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 13:33
S10 4	1	"20040085486"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 13:44

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S10 5	9	optical adj shifter and thickness and birefringe\$	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 13:44
S10 6	8	("20030090597" "20030095092" "5161042" "5506701" "5748164" "5969832" "6061103" "6707516").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/15 13:44
S10 7	8	("20020131143" "3572938" "3741661" "3988067" "5768242" "5859728" "6055086" "6220710").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:33
S10 8	820	fiber adj collimator	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:33
S10 9	10	S108 and "349"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:42
S11 0	6	"6208774"	US-PGPUB; USPAT	OR	ON	2005/07/11 10:02
S11 1	0	10/637115	US-PGPUB; USPAT	OR	ON	2005/07/11 10:21
S11 3	6	"6680797" "6208774"	USPAT	OR	ON	2005/07/11 10:45
S11 4	10	"5013138"	USPAT	OR	ON	2005/07/11 10:45
S11 5	0	10/637115	US-PGPUB; USPAT	OR	ON	2005/10/11 18:27
S11 6	377	collimator with interference	US-PGPUB; USPAT	OR	ON	2005/10/11 19:43
S11 7	59	S116 and waveguide	US-PGPUB; USPAT	OR	ON	2005/10/11 19:36
S11 8	101	collimator near3 interference	US-PGPUB; USPAT	OR	ON	2005/10/11 19:43
S11 9	15	collimator near3 noise	US-PGPUB; USPAT	OR	ON	2005/10/11 19:47
S12 0	1	collimator near3 snr	US-PGPUB; USPAT	OR	ON	2005/10/11 19:47
S12 1	609	collimator with prevent	US-PGPUB; USPAT	OR	ON	2005/10/11 19:48
S12 2	36	collimator with prevent and waveguide	US-PGPUB; USPAT	OR	ON	2005/10/11 19:50
S12 3	405	"349"/\$.ccls. and collimator	US-PGPUB; USPAT	OR	ON	2005/10/11 19:53
S12 4	1	"6522467".pn.	US-PGPUB; USPAT	OR	ON	2005/10/11 19:53

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S12 5	0	bi-cell adj photodetector	US-PGPUB; USPAT	OR	ON	2005/10/11 19:53
S12 6	70	bi-cell adj photodetector	US-PGPUB; USPAT	OR	ON	2005/10/11 19:53
S12 7	625	(349/194.ccls. 349/196-199.ccls. 349/201-202.ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/11 20:04
S12 8	1	"20030035605"	US-PGPUB; USPAT	OR	ON	2006/03/08 15:14
S12 9	401	collimator with interference	US-PGPUB; USPAT	OR	ON	2006/03/08 15:25
S13 0	514	collimator with divergence	US-PGPUB; USPAT	OR	ON	2006/03/08 15:25
S13 1	8	S130 and "349"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/08 15:36
S13 2	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2006/03/08 15:36
S13 3	645	(349/194.ccls. 349/196-199.ccls. 349/201-202.ccls.)	US-PGPUB; USPAT	OR	ON	2006/03/08 16:26
S13 4	2	"20030194165"	US-PGPUB; USPAT	OR	ON	2006/08/01 16:06
S13 5	1	"6522467".pn.	US-PGPUB; USPAT	OR	ON	2006/08/01 16:08
S13 6	17	bi-cell adj photodiode	US-PGPUB; USPAT	OR	ON	2006/08/01 16:21
S13 7	74	bi-cell adj photodetector	US-PGPUB; USPAT	OR	ON	2006/08/01 16:24
S13 8	2	bi-cell adj photodetector and tunable	US-PGPUB; USPAT	OR	ON	2006/08/01 16:25
S13 9	1	bi-cell adj photodetector and (s-polariz\$6 s adj polariz\$6)	US-PGPUB; USPAT	OR	ON	2006/08/02 13:43
S14 0	0	bicell adj photodetector and (s-polariz\$6 s adj polariz\$6)	US-PGPUB; USPAT	OR	ON	2006/08/01 16:26
S14 1	43	bi-cell and (s-polariz\$6 s adj polariz\$6)	US-PGPUB; USPAT	OR	ON	2006/08/01 16:27
S14 2	177	optical adj performance adj monitor	US-PGPUB; USPAT	OR	ON	2006/08/01 18:57
S14 3	0	optical adj performance adj monitor and (bi-cell)	US-PGPUB; USPAT	OR	ON	2006/08/01 16:28
S14 4	46	optical adj performance adj monitor and photodetector	US-PGPUB; USPAT	OR	ON	2006/08/01 16:30

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S14 5	19	("2922331" "3917407" "3936191" "4025196" "4299488" "4926429" "5233405" "5396361" "5420416" "5532818" "5617234" "5748815" "5780843" "5796479" "5812262" "5835199" "5894362" "6069697").PN. OR ("7041959"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 16:38
S14 6	7	("5111321" "5321539" "5710655" "6075647" "6081367").PN. OR ("6522467").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 17:31
S14 7	371	liquid adj crystal and tunable adj filter and (photodetector photodiode)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 17:32
S14 8	12	liquid adj crystal and tunable adj filter and (photodetector photodiode) and ((s and p) adj (polariz\$6) s-polariza\$6 and p-polariza\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 17:34
S14 9	34	tunable adj filter and (photodetector photodiode) and ((s and p) adj (polariz\$6) s-polariza\$6 and p-polariza\$6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 17:34
S15 0	1	"6072550".pn.	US-PGPUB; USPAT	OR	ON	2006/08/01 18:58
S15 1	1	"20040032544"	US-PGPUB; USPAT	OR	ON	2006/08/01 18:58
S15 2	19	("2922331" "3917407" "3936191" "4025196" "4299488" "4926429" "5233405" "5396361" "5420416" "5532818" "5617234" "5748815" "5780843" "5796479" "5812262" "5835199" "5894362" "6069697").PN. OR ("7041959"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:33
S15 3	17	bi-cell adj photodiode	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:36
S15 4	1	"5111321".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:37
S15 5	1	"6,154,591".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:38
S15 6	0	"6,304,689.pn"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:38

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S15 7	1	"6,304,689".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:39
S15 8	1	"6,285,504".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:40
S15 9	1	"4,779,959".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:40
S16 0	7	fiber and bi-cell adj photodiode	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/02 13:43
S16 1	25	tunable with liquid adj crystal and (s-polariz\$6 s adj polariz\$6) and detector	US-PGPUB; USPAT	OR	ON	2006/08/02 13:44
S16 2	1	"6680797".pn.	US-PGPUB; USPAT	OR	ON	2007/01/23 17:15
S16 3	2803	beam adj waist	US-PGPUB; USPAT	OR	ON	2007/01/23 17:20
S16 4	330	beam adj waist and liquid adj crystal	US-PGPUB; USPAT	OR	ON	2007/01/23 17:16
S16 5	117	beam adj waist and (S-polariz\$5)	US-PGPUB; USPAT	OR	ON	2007/01/23 17:20
S16 6	114	beam adj waist and (S-polariz\$5 and P-polariz\$5)	US-PGPUB; USPAT	OR	ON	2007/01/29 17:13
S16 7	1	"5332238".pn.	US-PGPUB; USPAT	OR	ON	2007/01/30 13:38
S16 8	4	"349"/\$.ccls. and (transducer and sapphire)	US-PGPUB; USPAT	OR	ON	2007/01/30 13:39
S16 9	206	(transducer and sapphire and liquid adj crystal)	US-PGPUB; USPAT	OR	ON	2007/01/30 13:41
S17 0	0	(transducer and sapphire-on-silicon and liquid adj crystal)	US-PGPUB; USPAT	OR	ON	2007/01/30 13:41
S17 1	26	(transducer and sapphire and audio and liquid adj crystal)	US-PGPUB; USPAT	OR	ON	2007/01/30 13:45
S17 2	0	10/901653	US-PGPUB; USPAT	OR	ON	2007/01/30 13:45